



291526



**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT**

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D981194087

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Ave. O & 118th		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER Ave. O & 118th Street			
03 CITY Chicago	04 STATE IL	05 ZIP CODE 60617	06 COUNTY Cook	07 COUNTY CODE 031	08 CONG DIST 02
09 COORDINATES LATITUDE 40°59'21.0"		LONGITUDE 88°32'11.8"		Lake Calumet Quad	
10 DIRECTIONS TO SITE (Starting from nearest public road) S. on I-94 Exit at 103rd E. To Torrance Ave. S. about 3 blocks Turn E on 106th Go ~ 1 mile, and turn S. on Ave O Site is on 2nd side ~ 1 1/2 mile at 118th.					

III. RESPONSIBLE PARTIES

01 OWNER (If known) Mr. & Roy de Armas, Chas. Martin Company		02 STREET (Business, mailing, residential) 1110 Brickell Ave. Suite 910			
03 CITY Miami	04 STATE FL.	05 ZIP CODE 33131	06 TELEPHONE NUMBER ()		
07 OPERATOR (If known and different from owner)		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: ____/____/____ MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ MONTH DAY YEAR ☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input type="checkbox"/> YES DATE ____/____/____ MONTH DAY YEAR <input checked="" type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)			
CONTRACTOR NAME(S): _____					

02 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input checked="" type="checkbox"/> C. UNKNOWN	03 YEARS OF OPERATION BEGINNING YEAR _____ ENDING YEAR _____ <input checked="" type="checkbox"/> UNKNOWN
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04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Unknown

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

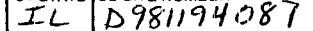
Direct Contact (Population / Environment)
Fire (Environment)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
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VI. INFORMATION AVAILABLE FROM

01 CONTACT Cliff Gould	02 OF (Agency/Organization) IL EPA, D.L.P.C	03 TELEPHONE NUMBER (312) 345-9710
04 PERSON RESPONSIBLE FOR ASSESSMENT Kent Smith	05 AGENCY U.S. EPA	06 ORGANIZATION E & E. (FIT)
	07 TELEPHONE NUMBER (312) 663-7415	08 DATE 1/15/86 MONTH DAY YEAR



☐ I. HIGHLY VOLATILE
☐ J. EXPLOSIVE
☐ K. REACTIVE
☐ L. INCOMPATIBLE
☐ M. NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
12 D981194087

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ~1000 04 NARRATIVE DESCRIPTION

ILLEGAL DUMPING OF UNKNOWN SUBSTANCES MAY
LEACH INTO UPPER AQUIFER.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ~1000 04 NARRATIVE DESCRIPTION

MARSHY AREAS NEARBY ALSO ADJACENT HOMES AND
FOREST PRESERVE.

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 1 04 NARRATIVE DESCRIPTION

NA

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: 10-1-74) ☐ POTENTIAL ☒ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ~1000 04 NARRATIVE DESCRIPTION

ILL. E.P.A. INSPECTION NOTED OPEN BURNING ON
SITE.

01 ☒ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ~1000 04 NARRATIVE DESCRIPTION

PARKS, HOMES, AND FOREST PRESERVES ALL WITHIN
1/4 MI.

01 ☒ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: ~33 04 NARRATIVE DESCRIPTION
(Acres)

UNKNOWN SUBSTANCES BEING DUMPED ILLEGALLY
ON SITE.

01 ☐ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

NA

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

NA

01 ☒ I. ALL POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ~1000 04 NARRATIVE DESCRIPTION

HOMES NEARBY AND NO APPARENT RESTRICTION
OF ACCESS TO SITE.



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PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
JL D981194087

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NA

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NA

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NA

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: ~1000

04 NARRATIVE DESCRIPTION

ILLEGAL RANDOM DUMPING ON SITE. NO
CONTAINMENT NOTED.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

UNKNOWN SUBSTANCES MAY BE PRESENT.
FIRES ON SITE HAVE BEEN NOTED (SEE D)

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

UNKNOWN

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 1-6-76)

☐ POTENTIAL

☒ ALLEGED

MEMOS TO POLICE DEPT. TO TRY TO ENFORCE LITTER
CONTROL ACT; (78-837)

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

NA

III. TOTAL POPULATION POTENTIALLY AFFECTED: ~1000

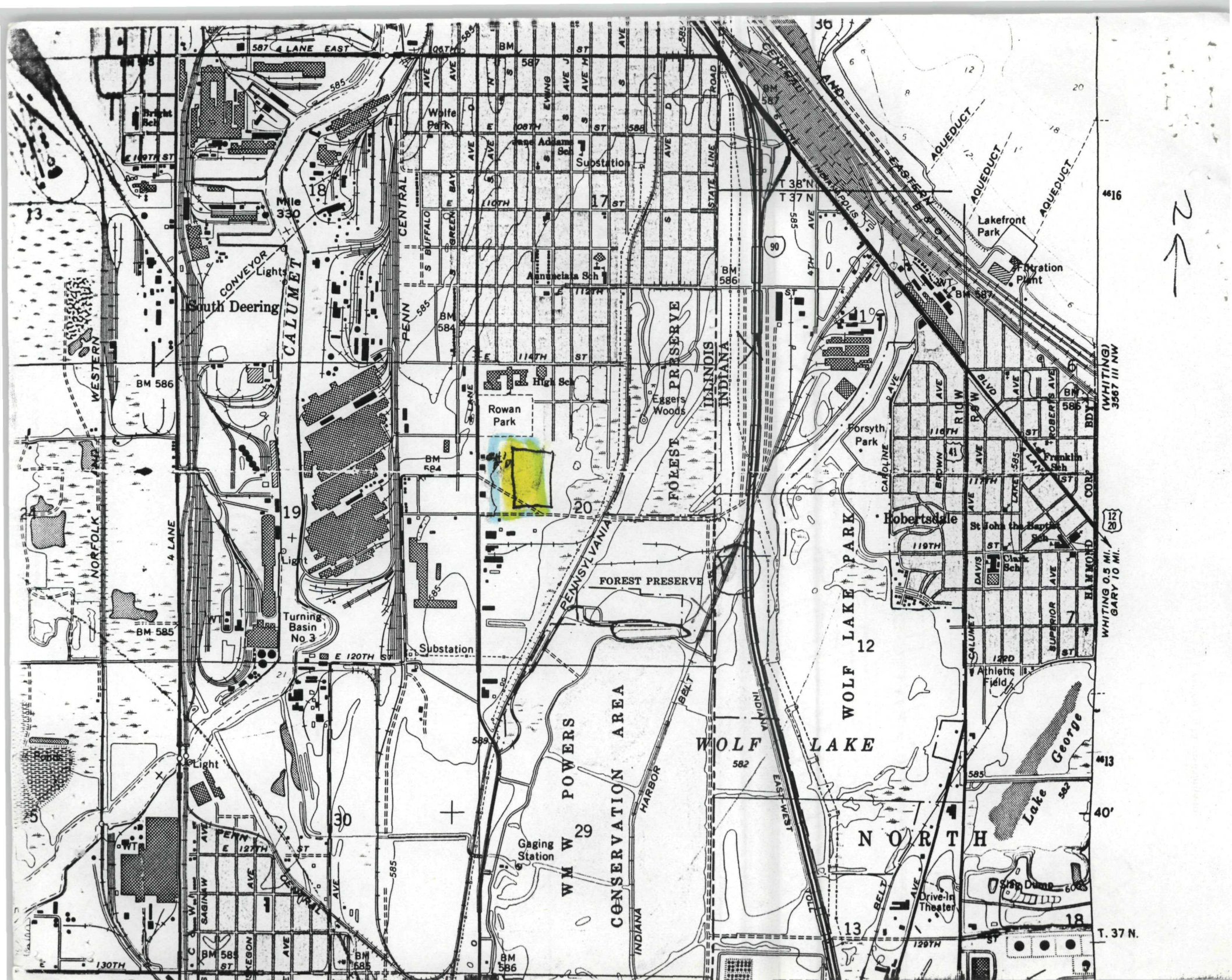
IV. COMMENTS

none

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

See attached source sheets

ECOLOGY AND ENVIRONMENT INC. (7/85)





ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

International Specialists in the Environment

PRELIMINARY ASSESSMENT

EXECUTIVE SUMMARY

TO: Alan Altur, U.S. EPA
FROM: Nick Valavanis, FIT *NV*
DATE: October 7, 1991
SUBJECT: Avenue O and 118th Street Site, Chicago, Illinois
ILD981194087/F05-9104-005/FIL0437PA

The Avenue O and 118th Street (Avenue O) site is located at Section 20 of Township 37N, Range 15E, Chicago, Illinois. The Avenue O site is currently owned by Elroy deArmas, vice president of Chas Martin Inspections and Controls, Inc.

The Avenue O site was declared an illegal dumping site by the Illinois Environmental Protection Agency (IEPA) when it first inspected the site on October 1, 1974. The IEPA found scrap metal, wood, concrete, and an unknown white powder scattered throughout the site. The IEPA also noted open, burning fires on-site. At that time, the IEPA informed the Chicago Police Department to enforce the prohibition of unlawful dumping. However, it is not known whether the police took any subsequent action at the site.

Since IEPA inspections in 1974, the Avenue O site has been developed into a residential and commercial area. History of the Avenue O site prior to 1974 is unknown.

On June 10, 1991, Ecology and Environment, Inc., Field Investigation Team (FIT) conducted an off-site reconnaissance inspection of the Avenue O site. FIT observed on-going construction and dirt mounds that were littered with debris, such as concrete, bricks, and cardboard. Whether this debris is old or newly deposited is unknown.

There is no file information or any evidence of dumping of hazardous waste at the Avenue 0 site.

The geology of the site includes a confining clay layer of glacial till origin about 20 feet thick. The clay layer will inhibit the vertical migration of contaminants; therefore, a release to groundwater is not anticipated. Even so, groundwater is not used for drinking within a 4-mile radius of the Avenue 0 site.

The nearest surface water bodies are the Calumet River, which is located 3/4 mile west of the site, and Wolf Lake, which is located 3/4 southeast of the site. There are no known migration routes to these surface water bodies. Since the site and surrounding area have been developed into a residential and commercial area, it is unlikely that contamination could reach surface water.

No odors or a release of hazardous substances to the air have been directly observed, nor does file information indicate past air problems attributable to the Avenue 0 site.

Approximately 50 residences are located on-site. In addition, a fire department, a restaurant, and a shopping mall are on-site. It is possible that these persons could be affected by surficial contamination that may exist on-site.

7436:8

**ecology and environment, inc.**

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

International Specialists in the Environment

EXECUTIVE SUMMARY

AVE. O AND 118TH
CHICAGO, IL 60617

The site located at Ave. O and 118th is noted as being an illegal random dumping area. The owners applied for a withdrawal of their Part A Hazardous Waste Permit Application in 1983. The Illinois E.P.A. inspected the site in 1974 and found scrap metal, wood, concrete and an unknown white powder. Also noted were open fires on site.

After reviewing the site information, I recommended a site inspection under low priority due to the lack of information about what is presently at the site.

69D:4F

K.A.